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(54) Title: BAKERY FLUORESCENT LAMP

(57) **Abstract:** The invention relates to a fluorescent lamp whereof the fluorescent layer consists of from 1 tot 3 water-dispersible phosphors, such that said lamp has a peak wavelength in each of the red, green and deep-red wavelength regions, wherein said deep-red phosphor is derived from a non-activated green, water-dispersible phosphor. The fluorescent layer consists preferably of a red, Eu<sup>3+</sup> activated phosphor, a green, Tb<sup>3+</sup> activated phosphor and a deep-red Mn<sup>2+</sup> activated phosphor, wherein said deep-red Mn<sup>2+</sup> activated phosphor is a Tb<sup>3+</sup>, Mn<sup>2+</sup> activated phosphor. The Tb<sup>3+</sup>, Mn<sup>2+</sup> activated phosphor is preferably a (GdMg)B<sub>5</sub>O<sub>10</sub>:Ce<sup>3+</sup>, Tb<sup>3+</sup>, Mn<sup>2+</sup> phosphor. Such phosphors can be applied as an aqueous suspension in the production process of a fluorescent lamp.

WO 2005/030902 A1